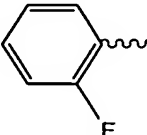
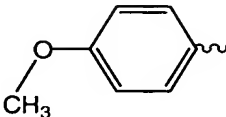
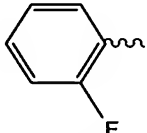
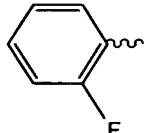

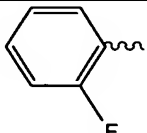
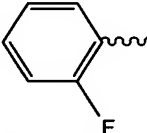
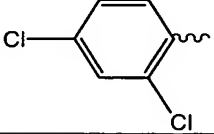
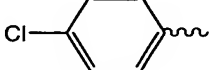


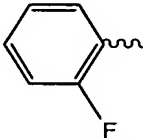
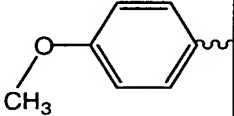
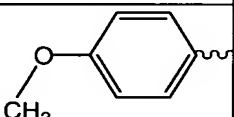
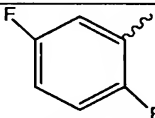
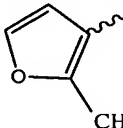
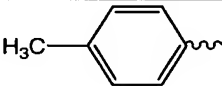
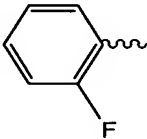
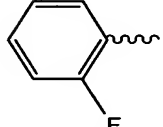
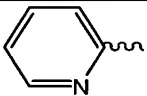
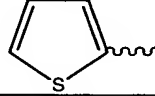
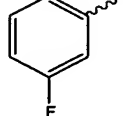
Amendments to the Specification

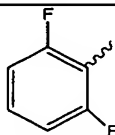
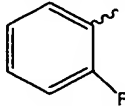
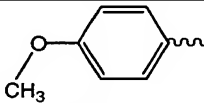
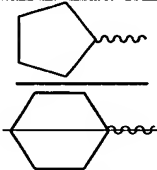
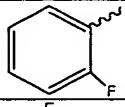
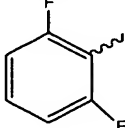
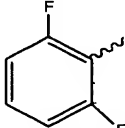
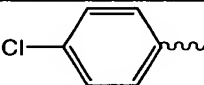
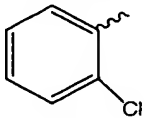
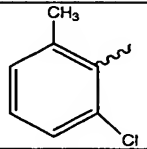
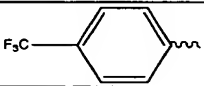
Please amend the specification at page 19, line 4 to page 31, line 4 as follows:

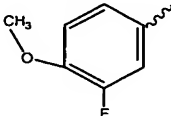
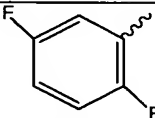
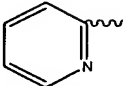
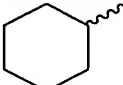
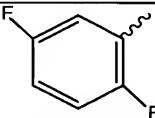
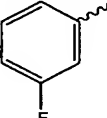
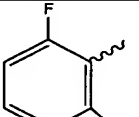
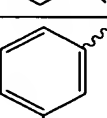
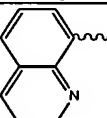
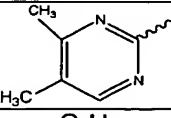
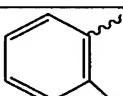
Those skilled in the art will appreciate that similar reactions to those described in the above schemes may be carried out on other compounds of formula I as long as substituents present would not be susceptible to the reaction conditions described. Starting materials for the above processes are either commercially available, known in the art, or prepared by procedures well known in the art. Exemplary compounds of formula 1 are set forth below in Table I. CB means covalent bond.

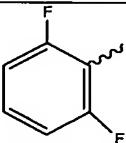
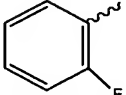

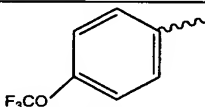
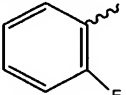

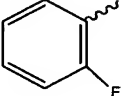
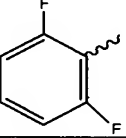
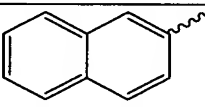
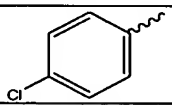
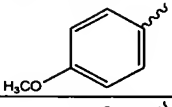
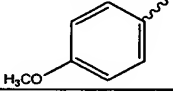
TABLE I

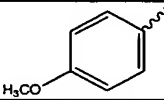
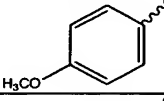
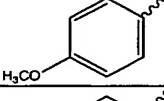
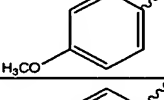
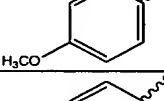
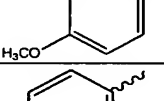
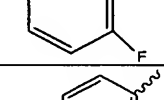
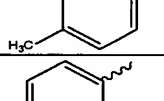
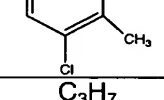
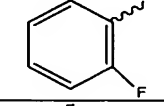
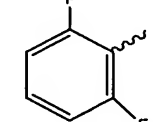
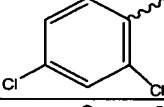
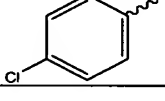
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|---|-----------------|----------------|----------------|---|----------------|-----------------|-----------------|-----------------|--------------------|-----------------|----|
| A | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| B | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| C | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₂ H | SO ₂ | CB |
| D | CH ₃ | H | H | t-butoxy | H | CH ₃ | SO ₂ | CO | OCH ₃ | SO ₂ | CB |
| E | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| F | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| G | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CH ₃ | SO ₂ | CB |
| H | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| I | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| J | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
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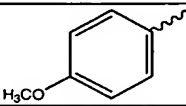
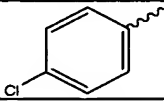
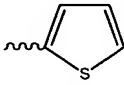
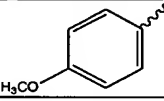
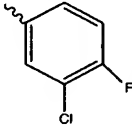
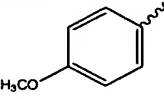
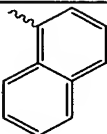
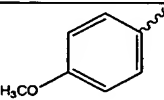
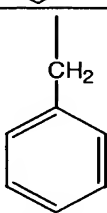
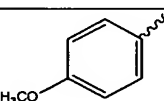
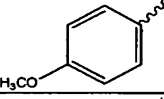
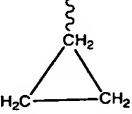
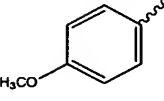
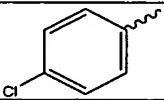
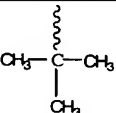
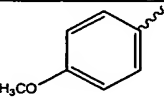

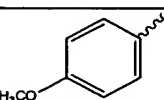
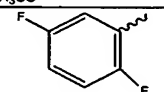
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| L | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| M | CH ₃ | H | H |  | H | H | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| N | CH ₃ | H | H |  | H | H | CH ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| O | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| P | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| Q | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CH ₃ | SO ₂ | CB |
| R | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| S | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| T | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| U | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
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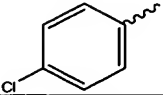
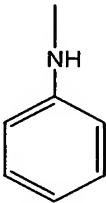
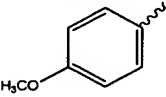
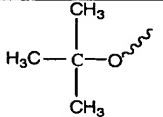
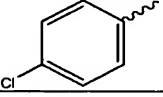
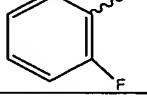
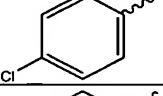
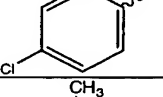
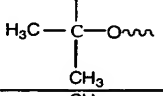
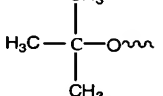
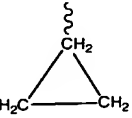
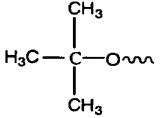
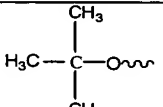
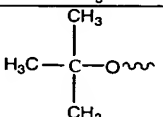
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|----|-------------------------------|----------------|----------------|---|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|----|
| W | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| X | CF ₃ | H | H |  | CH ₃ | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| Y | C ₄ H ₉ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| Z | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| AA | CH ₃ | H | H | C ₃ H ₇ | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| AB | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| AC | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| AE | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| AF | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| AG | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| AH | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
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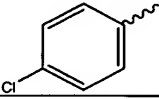
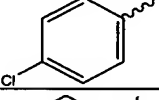
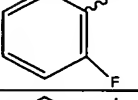
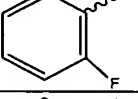
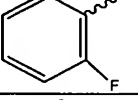
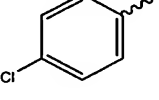
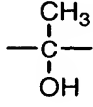
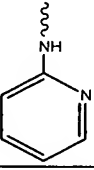
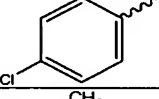
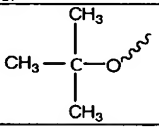
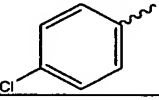
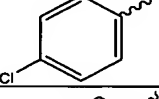
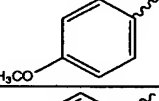
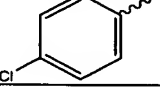
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|----------------------------------|----------------|----------------|---|-----------------|-----------------|-----------------|-----------------|----|-----------------|----|
| AK | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AM | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AO | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AQ | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AR | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AS | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AT | N(CH ₃) ₂ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AU | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AV | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AW | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| AX | CH ₃ | H | H | C ₃ H ₇ | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
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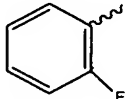
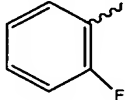
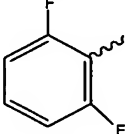
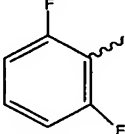
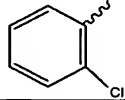
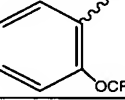
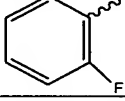
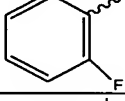
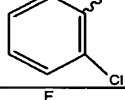
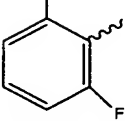
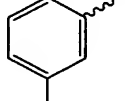
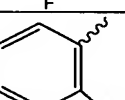
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
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| AZ | CF ₃ | H | H |  | CH ₃ | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| BA | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| BB | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| BC | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| BD | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| BG | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| BH | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| BJ | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| BN | CF ₃ | H | H | C ₃ H ₇ | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| BO | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| BP | NHC ₃ H ₇ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| BR | CF ₃ | H | H |  | CH ₃ | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
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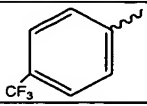
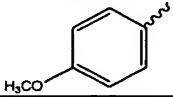
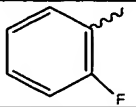
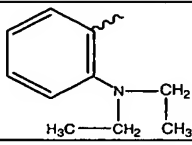
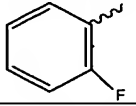
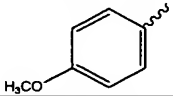
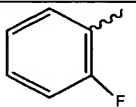
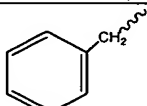
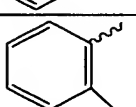
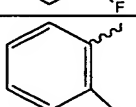
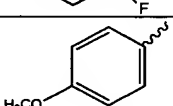
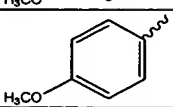
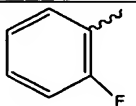
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|------------------------------------|-----------------|----------------|---|-----------------|-----------------|-----------------|-----------------|------------------|-----------------|----|
| BT | CH ₃ | CH ₃ | H |  | CH ₃ | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| BU | CH ₃ | H | H |  | H | H | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
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| BW | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
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| BY | CH ₃ | CH ₃ | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| BZ | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CH ₃ | SO ₂ | CB |
| CA | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CH ₃ | SO ₂ | CB |
| CB | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CH ₃ | SO ₂ | CB |
| CC | CF ₃ | H | H | C ₃ H ₇ | H | CH ₃ | SO ₂ | SO ₂ | Cl | C=O | CB |
| CD | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| CE | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| CF | -CH(CH ₃) ₂ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CG | NH ₂ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |

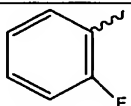
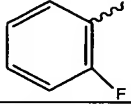
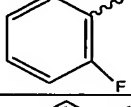
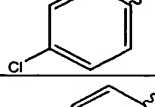
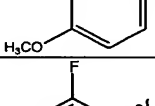
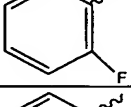
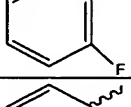

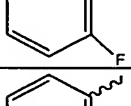

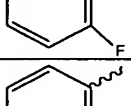

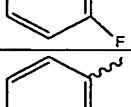

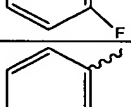

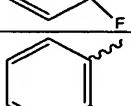

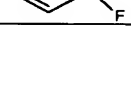

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|---|----------------|----------------|---|----------------|-----------------|-----------------|-----------------|------------------|-----------------|----|
| CH | C ₄ H ₉ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CI | -CHCF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CJ |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CK |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CL |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CM |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| CN | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CO |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CP | C ₃ H ₇ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CQ |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CR |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CS | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | C=O | CB |

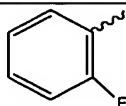

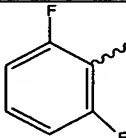
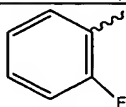
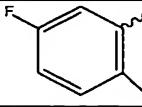
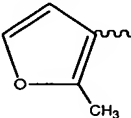
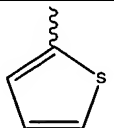
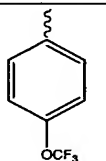

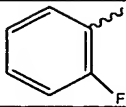
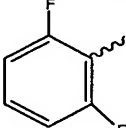
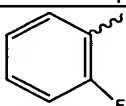
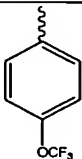
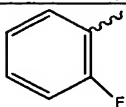
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|---|----------------|----------------|---|----------------|-----------------|-----------------|-----------------|--------------------|-----------------|----|
| CT | NH-(CH ₂) ₂ -CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CU |  | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |
| CV | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | OH | C=O | CB |
| CW | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OH | SO ₂ | CB |
| CX | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OH | SO ₂ | CB |
| CZ | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₂ H | C=O | CB |
| DA | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCF ₂ H | SO ₂ | CB |
| DC | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | OCH ₃ | SO ₂ | CB |
| DD | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | OCH ₃ | C=O | CB |
| DE |  | H | H |  | H | CH ₃ | SO ₂ | C=O | OCH ₃ | C=O | CB |
| DF | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | Cl | SO ₂ | CB |
| DG | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | Cl | SO ₂ | CB |

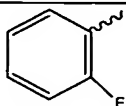
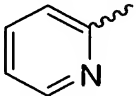
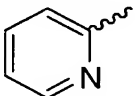
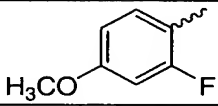
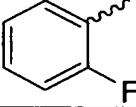
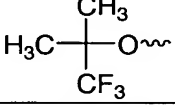
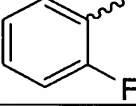
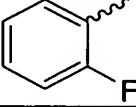
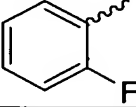
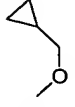
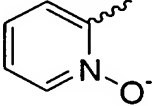
| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|-----------------|-----------------|----------------|---|-----------------|-----------------|-----------------|--|------------------|-----------------|----|
| DH | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | CH ₂ | Cl | SO ₂ | CB |
| DI | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | Cl | SO ₂ | CB |
| DJ | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | CH ₂ | Cl | SO ₂ | CB |
| DK | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | Cl | SO ₂ | CB |
| DL | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | C=CH ₂ | Cl | SO ₂ | CB |
| DM | CF ₃ | H | H |  | H | CH ₃ | SO ₂ |  | Cl | C=O | CB |
| DN | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | Cl | C=O | CB |
| DP | CF ₃ | CH ₃ | H |  | H | CH ₃ | SO ₂ | C=CH ₂ | Cl | C=O | CB |
| DQ | CH ₃ | H | H |  | CH ₃ | CH ₃ | SO ₂ | C=O | Cl | SO ₂ | CB |
| DR | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | NH | Cl | SO ₂ | CB |
| DS | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | O | Cl | C=O | CB |
| DU | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| DV | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | Cl | SO ₂ | CB |

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|-----------------|----------------|----------------|---|----------------|-----------------|-----------------|-----------------|------------------|-----------------|----|
| DW | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| DX | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| DY | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| DZ | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| EA | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| EC | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| ED | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | C=O | CB |
| EE | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EG | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EH | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EI | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EJ | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|-----------------|----------------|----------------|---|-----------------|-----------------|-------------------|-------------------|------------------|-----------------|----|
| EK | CF ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EL | CH ₃ | H | H |  | H | H | CH ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| EN | CF ₃ | H | H |  | CH ₃ | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | C=O | CB |
| EP | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| EU | CH ₃ | H | H |  | H | CH ₃ | C=O | SO ₂ | OCF ₃ | SO ₂ | CB |
| EV | CF ₃ | H | H |  | H | CH ₃ | C=O | SO ₂ | OCH ₃ | SO ₂ | CB |
| EW | CF ₃ | H | H |  | H | CH ₃ | C=O | O | H | C=O | CB |
| EX | CF ₃ | H | H |  | H | CH ₃ | C=O | O | H | C=O | CB |
| EY | CF ₃ | H | H |  | H | CH ₃ | C=O | O | Cl | C=O | CB |
| EZ | CH ₃ | H | H |  | H | CH ₃ | C=O | SO ₂ | OCF ₃ | C=O | CB |
| FA | CF ₃ | H | H |  | H | CH ₃ | C=O | NHSO ₂ | H | C=O | CB |
| FB | CF ₃ | H | H |  | H | CH ₃ | C=O | NHCO | H | C=O | CB |
| FC | CF ₃ | H | H |  | H | CH ₃ | C=CH ₂ | SO ₂ | OCF ₃ | C=O | CB |

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|--|-----------------|----------------|---|----------------|---|----------------------------------|-----------------|------------------|-----------------|----|
| FD | CH ₃ | H | H |  | H | CH ₃ | C=CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| FE | CF ₃ | H | H |  | H | CH ₃ | C=O | SO ₂ | OCF ₃ | SO ₂ | CB |
| FF | CH ₃ | H | H |  | H | CH ₃ | C=NO H | SO ₂ | OCF ₃ | SO ₂ | CB |
| FG | CH ₃ | H | H |  | H | CH ₃ | C(CH ₃) ₂ | SO ₂ | Cl | SO ₂ | CB |
| FH | CF ₃ | H | H |  | H | H | C=O | SO ₂ | OCH ₃ | C=O | CB |
| FI | CH ₃ | H | H |  | H | H | O | SO ₂ | Cl | SO ₂ | CB |
| FJ | *R ¹ , Y, Z and R ² combine to form morpholinyl | * | H |  | - |  | S | SO ₂ | Cl | * | * |
| FK | H | CH ₃ | H |  | - |  | S=O | SO ₂ | Cl | CB | CB |
| FL | H | CH ₃ | H |  | - |  | SO ₂ | SO ₂ | Cl | CB | CB |
| FM | *R ¹ , Y, Z and R ² combine to form morpholinyl | * | H |  | - |  | SO ₂ | SO ₂ | Cl | * | * |
| FN | CH ₃ | CH ₃ | H |  | - |  | S | SO ₂ | Cl | CB | CB |
| FO | H | H | H |  | - |  | S | SO ₂ | Cl | CB | CB |
| FP | CH ₃ | CH ₃ | H |  | - |  | SO ₂ | SO ₂ | Cl | CB | CB |

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|---|----------------|----------------|---|----------------|---|-----------------|-----------------|------------------|-----------------|----|
| FQ | H | H | H |  | - |  | SO ₂ | SO ₂ | Cl | CB | CB |
| FR | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FS | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FT | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FU | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | C=O | CB |
| FV | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FW | CH ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FX | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | C=O | CB |
| FY | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| FZ | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | H | SO ₂ | CB |
| GA | CH ₃ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | C=O | CB |
| GD |  | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |

| | R ¹ | R ² | R ³ | R ⁴ | R ⁵ | R ⁶ | L ¹ | L ² | X | Y | Z |
|----|---------------------------------|----------------|----------------|---|----------------|-----------------|-----------------|-----------------|---|-----------------|----|
| GF | NHC ₂ H ₅ | H | H |  | H | CH ₃ | CH ₂ | SO ₂ | OCF ₃ | SO ₂ | CB |
| GG | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| GH | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | CF ₃ | SO ₂ | CB |
| GI | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | Cl | SO ₂ | CB |
| GJ | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | SO ₂ | CB |
| GK | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | C=O | OCH ₃ | SO ₂ | CB |
| GL | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OH | SO ₂ | CB |
| GM | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH(CH ₃) ₂ | SO ₂ | CB |
| GN | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ |  | SO ₂ | CB |
| GO | CF ₃ | H | H |  | H | CH ₃ | SO ₂ | SO ₂ | OCH ₃ | C=O | CB |

CB is a covalent bond

- means that the substituent is not present